

FIG. 1

PARAMETER (COEFFICIENT)	UPPER GENRE	PARAMETER (COEFFICIENT)	LOWER GENRE
GRADIENT OF PITCH IN LOW-RANGE (1)	POPPS GROUP	GRADIENT OF PITCH IN LOW -RANGE (1.2)	POPPS
			ROCK
			.
GRADIENT OF POWER IN LOW-RANGE (1.2)	CLASSIC GROUP	y-INTERCEPT OF POWER IN MIDDLE-RANGE (0.5)	.
			.
			.
y-INTERCEPT OF PITCH IN HIGH-RANGE (0.8)		GRADIENT OF PITCH IN HIGH-RANGE (0.8)	OPERA
			ORCHESTRA
			.
		y-INTERCEPT OF POWER IN HIGH-RANGE (1.2)	.
			.
			.

FIG. 2

10/528203

GENRE	LOW-RANGE					MIDDLE-RANGE				HIGH-RANGE			
	GRADIENT OF POWER	GRADIENT OF PITCH	y- INTERCEPT OF POWER	. . .		GRADIENT OF POWER	GRADIENT OF PITCH	y- INTERCEPT OF POWER	. . .	GRADIENT OF POWER	GRADIENT OF PITCH	y- INTERCEPT OF POWER	. . .
POPPS GROUP	x	x	x x	. . .		x	x	x x	. . .	x	x	x x	. . .
CLASSIC GROUP	x	x	x x	. . .		x	x	x x	. . .	x	x	x x	. . .
POPPS	x	x	x x	. . .		x	x	x x	. . .	x	x	x x	. . .
ROCK	x	x	x x	. . .		x	x	x x	. . .	x	x	x x	. . .
	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .

FIG. 3

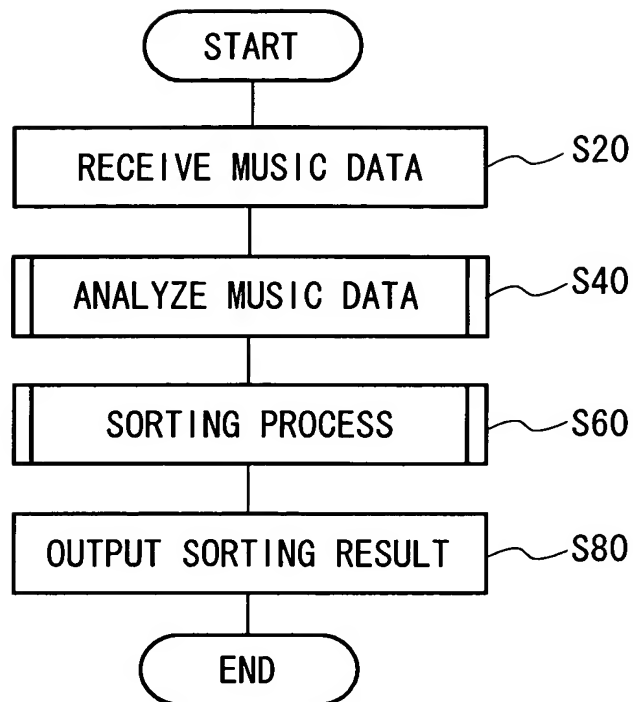


FIG. 4

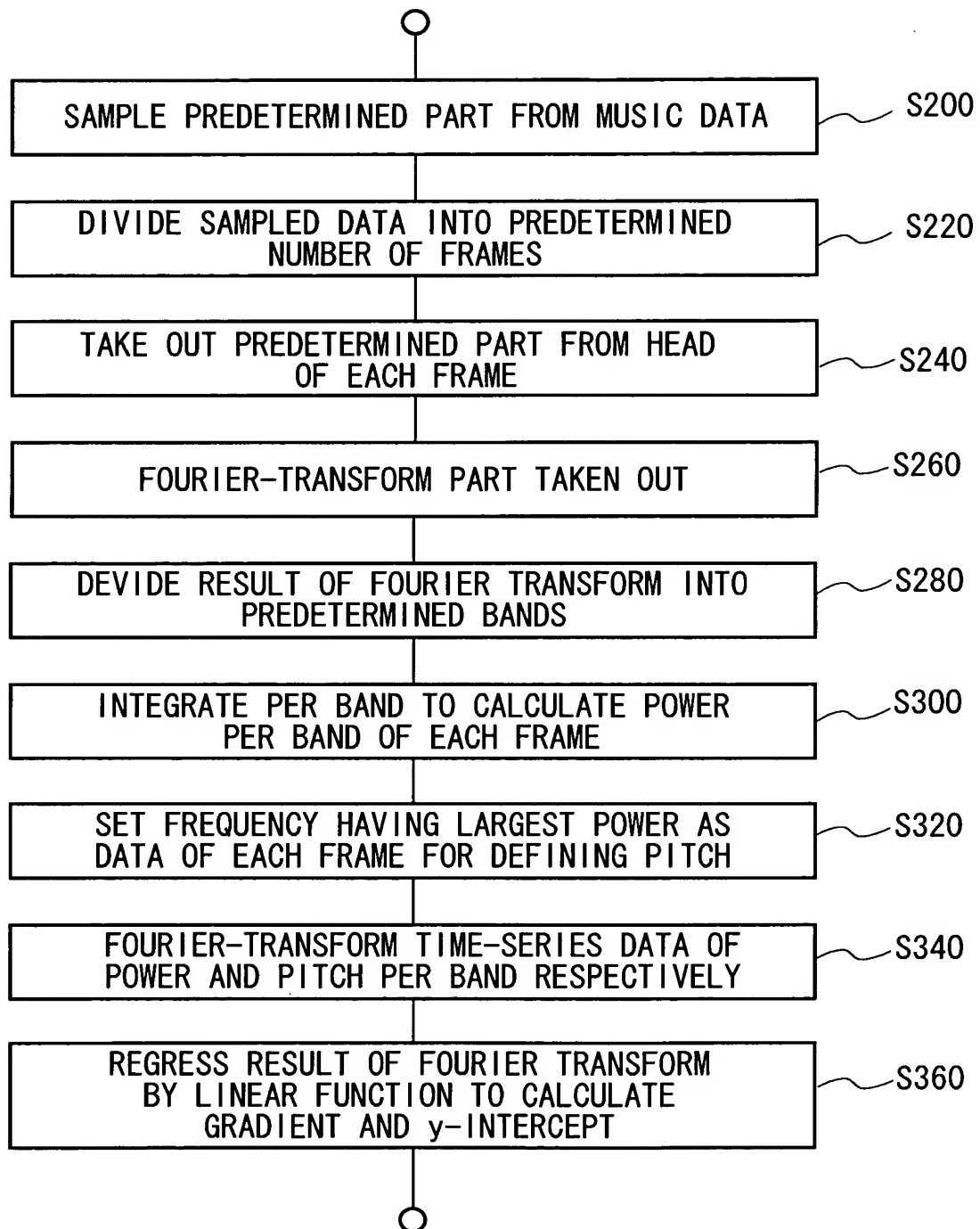
S40

FIG. 5

10/528203

6/10

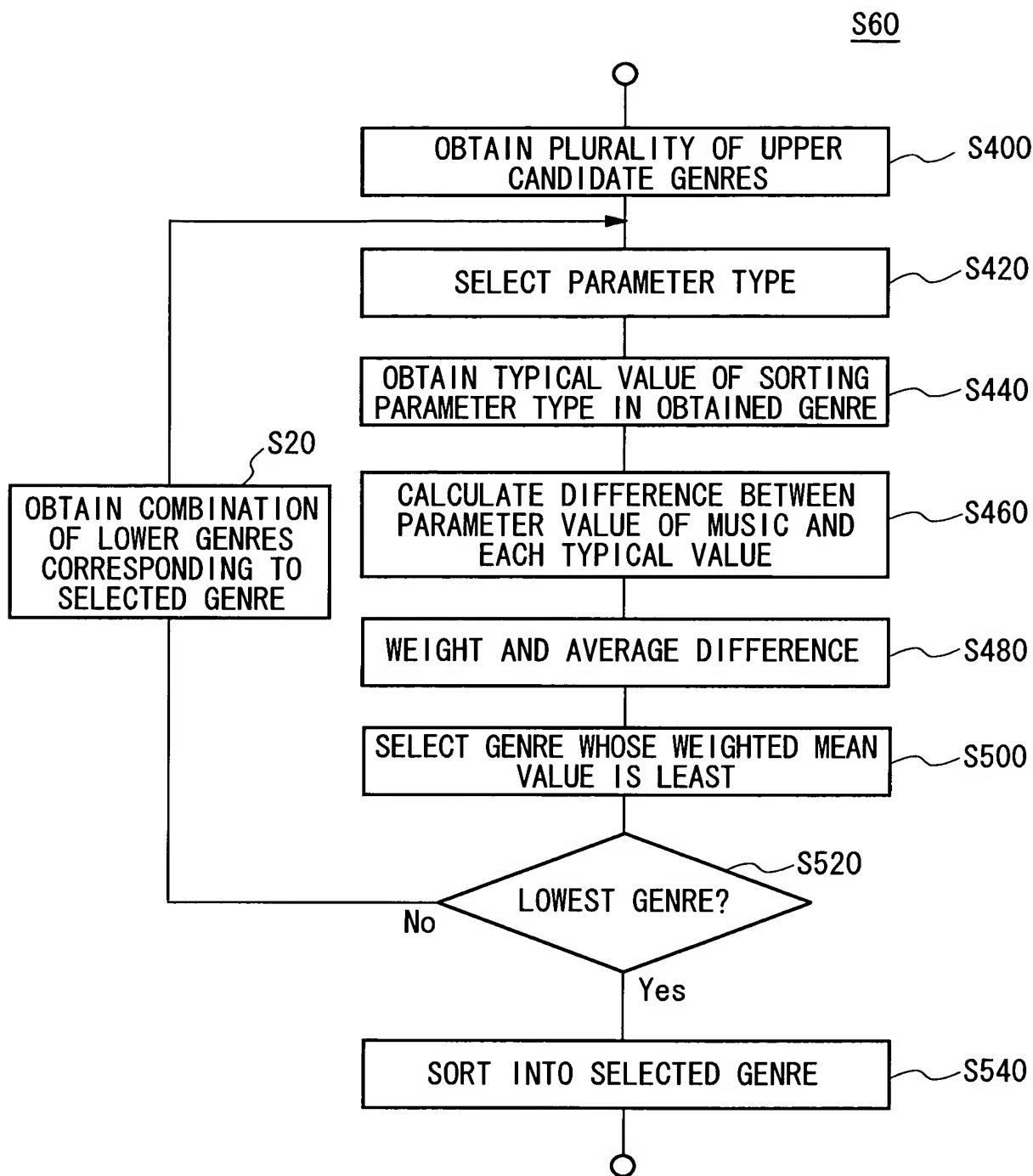


FIG. 6

10/528203

7/10

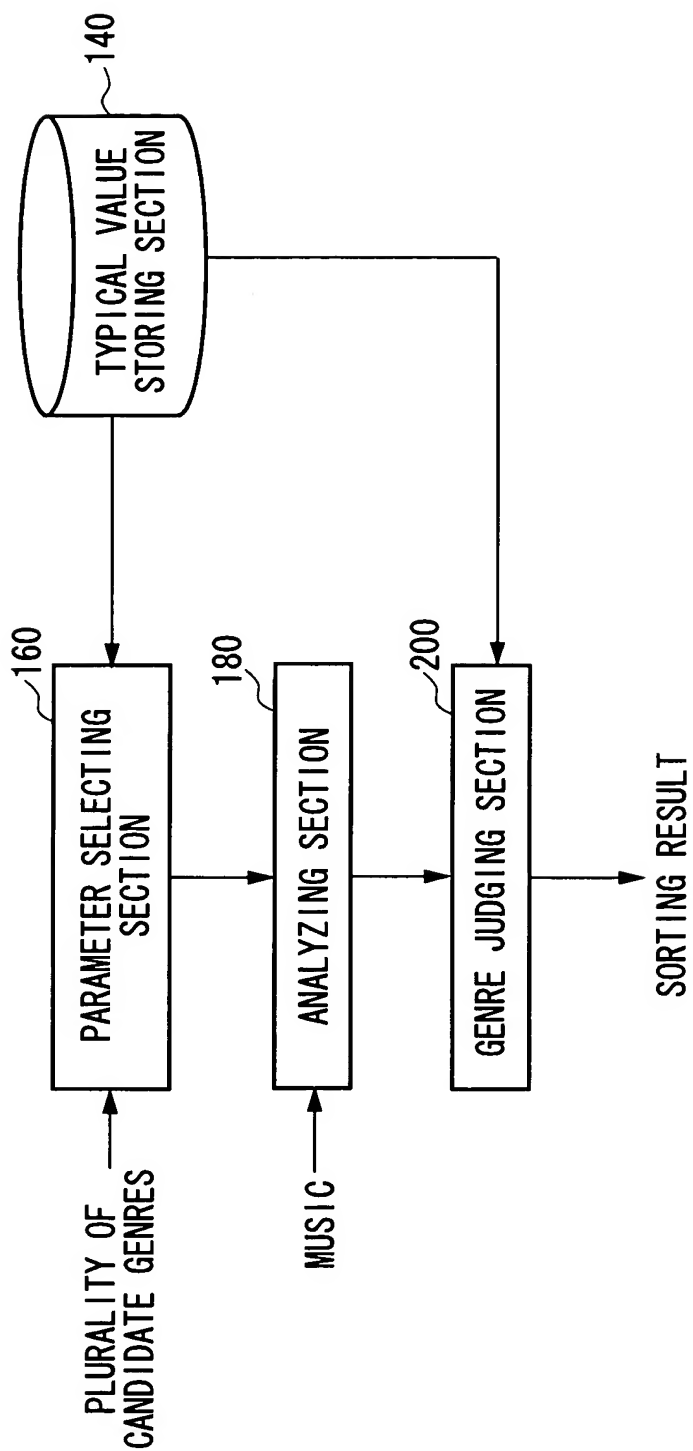
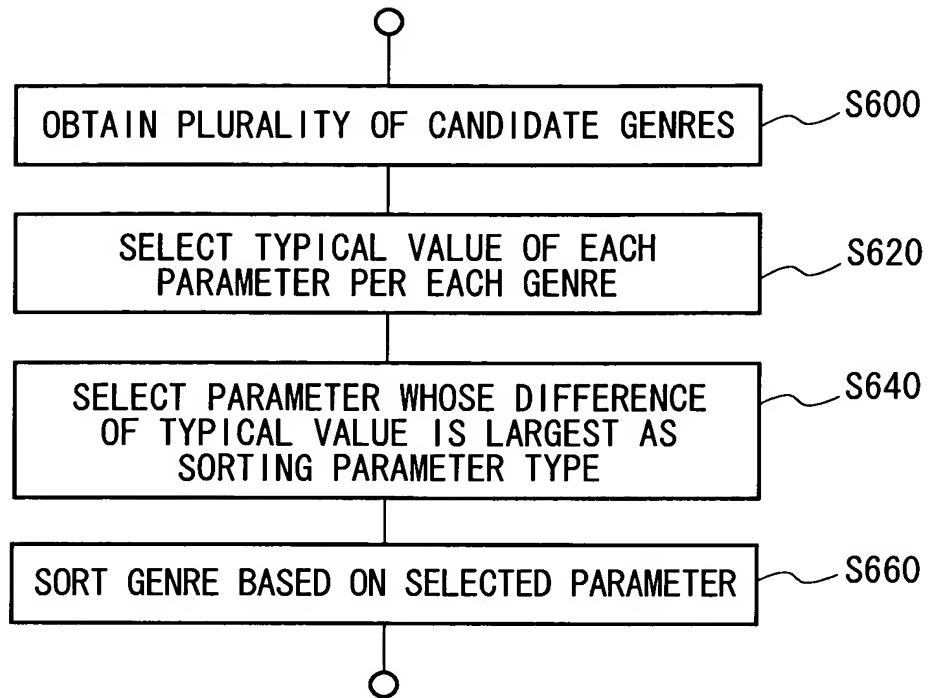


FIG. 7

S60*FIG. 8*



10/528603

9/10

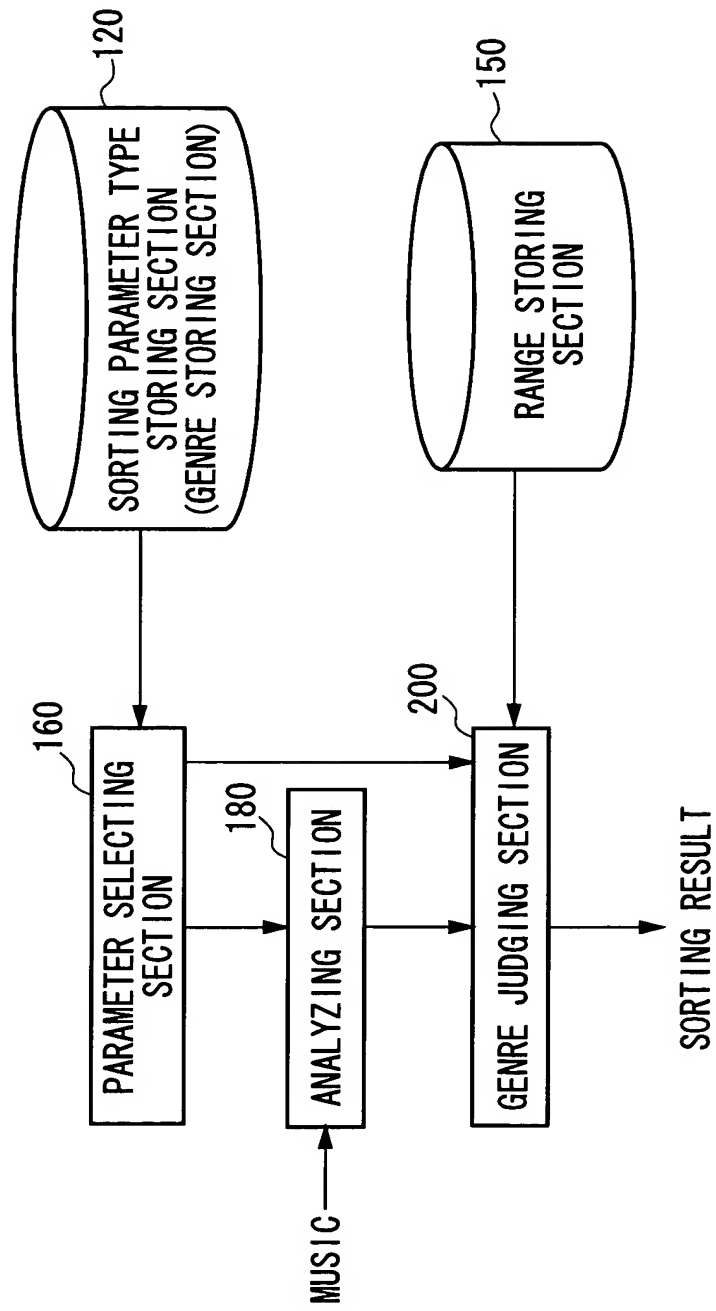


FIG. 9

10/528203

10/10

150

	PARAMETER		
	LOW-RANGE PITCH	LOW-RANGE POWER	. . . . .
POPPS	x x ~ x x	x x ~ x x	. . . . .
ROCK	x x ~ x x	x x ~ x x	. . . . .
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.

*FIG. 10*